

WHAT IS CLAIMED IS:

A 8/17/77
1. An information selection method selecting desired information from a plurality of information represented by sounds, comprising the steps of:

5 time-controlling a position of each sound independently, and selecting a sound, wherein said step of selecting information includes the step of selecting information associated with sound.

2. The information selection method according to claim 1, further comprising the step of controlling volume in association with the position of each sound.

3. The information selection method according to claim 1, wherein said step of controlling the position of each sound independently includes the step of arranging the position of each said sound on a circumference of substantially a circle to move in an orbit.

4. The information selection method according to claim 3, further comprising the steps of commanding a position change of all of said sounds faster than a normal time control, and
5 returning the sound to a former position.

5. The information selection method according to claim 2, wherein said step of selecting information is a single operation of selecting a sound of the maximum volume.

6. The information selection method according to claim 1, wherein said step of selecting information is an operation of directly selecting a sound of interest.

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7. The information selection method according to claim 1, further comprising the step of displaying an image corresponding to each information at a position corresponding to said each sound.

8. The information selection method according to claim 7, wherein said step of selecting information includes the step of selecting an image corresponding to said each sound.

9. An information selection apparatus selecting desired information, and including a sound source, said information selection apparatus comprising:

means for time-controlling a position of each sound independently,
and
means for selecting a sound,
wherein said sound selection means selects information associated with said sound.

10. A computer readable recording medium in which a program is recorded to cause a computer to operate means for time-controlling a position of each sound independently and means for selecting desired sound from a plurality of sounds.

11. An information selection apparatus selecting a desired information source from a plurality of information sources, said information selection apparatus comprising:

means for sequentially switching said plurality of information sources as audio information and presenting the audio information by said sound source, and

means for selecting audio information relevant to a desired information source from the presented audio information.

12. The information selection apparatus according to claim 11, further comprising means for commanding switching of said audio

information.

13. The information selection apparatus according to claim 12, wherein said switching command means commands presentation of audio information presented after the audio information that is currently presented or presentation of audio information that is presented prior to the audio information that is currently presented.

14. The information selection apparatus according to claim 11, wherein said information source retains information other than audio information and presents said other information when the desired audio information is selected.

15. The information selection apparatus according to claim 11, wherein said information source retains information other than audio information, and sequentially switches and presents said other information in accordance with switching of said audio information.

16. An information selection method selecting desired information source from a plurality of information sources, comprising:
a first step of sequentially switching and presenting said plurality of information sources as audio information, and
a second step of selecting audio information relevant to a desired information source from the presented audio information.

17. The information selection method according to claim 16, wherein said plurality of information sources are categorized in advance into predetermined types, and further comprising the step of gradually narrowing down information out from categorized information sources by repeatedly employing said first and second steps.

18. A computer readable recording medium in which a program is recorded to cause a computer to operate means for sequentially switching a

plurality of information sources and presenting the audio information by sound source, and means for selecting information relevant to a desired information source from the presented audio information.

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19. An information presentation apparatus comprising:
means for presenting a plurality of information as audio information,
and
means for modifying a presentation status of said presentation
means according to a predetermined condition.

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20. The information presentation apparatus according to claim 19, wherein said predetermined condition is a property of said audio information presented.

21. The information presentation apparatus according to claim 19, wherein said predetermined condition is specified by a user.

22. The information presentation apparatus according to claim 19, wherein said modified presentation status includes one of a status of presenting simultaneously a plurality of sound information with the presentation position altered, and a status of sequentially presenting the plurality of sound information.

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23. The information presentation apparatus according to claim 22, comprising means for time-controlling independently and arranging a position of said sound information,

when presenting said plurality of sound information simultaneously
with the presentation position altered,

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wherein the position of each sound is arranged on a circumference of substantially a circle to move in an orbit, and a rotation condition and sound placement condition are specified according to a property of sound information to be presented.

24. The information presentation apparatus according to claim 22, comprising means for time-controlling independently and arranging a position of said audio information,

5 when presenting said plurality of sound information simultaneously with the presentation position altered,

wherein the position of each sound is modified to a position specified by a user independent of rotation.

25. The information presentation apparatus according to claim 19, comprising means for grouping a property of each sound information prior to presentation of the sound information when there is difference in property between each sound information retained by said information.

26. The information presentation apparatus according to claim 19, wherein said information retains presentation information other than sound information, and comprising means for presenting the presentation information other than the sound information together with each sound information.

27. An information presentation method comprising the steps of: presenting a plurality of information as audio information, and modifying a presentation status according to a property of said audio information to be presented.

28. A computer usable recording medium in which is stored a command to cause a computer to execute the steps of: presenting a plurality of information as audio information, and modifying a presentation status according to a property of said audio information to be presented,

5 when executed by the computer.